



VIA HAND DELIVERY SEPTEMBER 13, 2004

B/A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Ruben et al. (As Amended)

Docket No.: PZ007G62YP1D1

Application No.: 10/004,860 ✓

Confirmation No.: 8803

Filed: December 7, 2001

Art Unit: 1653

For: Secreted Protein HEMAE80 (as amended)

Examiner: R.A. Wax

**SECOND REQUEST FOR AMENDMENT**  
**UNDER 37 C.F.R. §§ 1.312 AND 1.48(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to issuance of the above-captioned application as a United States Patent, Applicants respectfully request consideration and entry of the present amendment (submitted after allowance pursuant to 37 C.F.R. §1.312) to correct inventorship pursuant to 37 C.F.R. § 1.48(b) (Non-provisional application – fewer inventors due to amendment or cancellation of claims). Applicants submit concurrently herewith: (a) Supplemental Application Data Sheet (to reflect the requested amendment of inventorship (see below)); (b) copy of Corrected Filing Receipt showing requested changes in red; and, (c) Fee Transmittal (in duplicate, with fee required under 37 C.F.R. § 1.48(b)(2)).

The allowed claims in the present application are drawn to HEMAE80 protein embodiments (i.e., SEQ ID NO:310 and HEMAE80 protein encoded by ATCC® Deposit Nos. 97975). In this regard, the undersigned has been informed that the inventive entity of the subject matter encompassed by the claims is: Craig A. Rosen, Steven M. Ruben, and Paul A. Moore. Accordingly, Applicants request that the presently pending application be amended to show the above three persons as inventors. Thus, please remove the following names from the list of inventors:

Paul Young;  
John M. Greene;  
Ann M. Ferrie;  
Jing-Shan Hu;  
Henrik S. Olson;

Reinhard Ebner;  
Laurie A. Brewer;  
Yanggu Shi;  
Charles Florence;  
Kimberly Florence;  
David W. Lafleur;  
Jian Ni;  
Ping Fan;  
Ying-Fei Wei;  
Carrie L. Fischer;  
Daniel R. Soppet;  
Yi Li;  
Zhizhen Zeng;  
Hla Kyaw;  
Ping Feng;  
Patrick J. Dillon;  
Gregory A. Endress;  
Guo-Liang Yu; and  
Kenneth G. Carter.

Applicants respectfully request that the amendments made above be entered and made of record in the file history of the instant application prior to issuance as a United States Patent. Although no fee, in addition to that provided for above, is believed due for submission of this paper, should the Patent Office determine otherwise, please charge such fee to Applicant's Deposit Account No. 08-3425. The Patent Office is also authorized to credit any overpayment to Deposit Account No. 08-3425.

Dated: September 13, 2004

Respectfully submitted,

By   
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KKH/PF/mr



## Supplemental Application Data Sheet

### **Application Information**

Application Type:: Regular  
Subject Matter:: Utility  
Sequence submission?:: Paper  
Computer Readable Form (CRF)?:: No  
Title:: Human Secreted Proteins Secreted Protein HEMA80  
Attorney Docket Number:: PZ007G62YP1D1  
Small Entity?:: No  
Petition included?:: No

### **Applicant Information**

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Postal or Zip Code of mailing address::	20878

### **Correspondence Information**

Correspondence Customer Number:: 22195

### **Representative Information**

Representative Customer Number:: 22195

### **Domestic Priority Information**

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	Division of	09/205,258	12/04/98
09/205,258	Continuation-in-part of	PCT/US98/11422	06/04/98
PCT/US98/11422	Non- Provisional of	60/048,885	06/06/97
PCT/US98/11422	Non- Provisional of	60/049,375	06/06/97
PCT/US98/11422	Non- Provisional of	60/048,881	06/06/97
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PCT/US98/11422	Non- Provisional of	60/057,771	09/05/97
PCT/US98/11422	Non- Provisional of	60/057,761	09/05/97
PCT/US98/11422	Non- Provisional of	60/057,760	09/05/97
PCT/US98/11422	Non- Provisional of	60/057,776	09/05/97
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PCT/US98/11422	Non- Provisional of	60/057,629	09/05/97
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PCT/US98/11422	Non- Provisional of	60/070,923	12/18/97
PCT/US98/11422	Non- Provisional of	60/092,921	07/15/98
PCT/US98/11422	Non- Provisional of	60/094,657	07/30/98

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PTO/SB/17 (10-03)  
Approved for use through 7/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 130.00)

## Complete if Known

Application Number	10/004,860-Conf. #8803
Filing Date	December 7, 2001
First Named Inventor	Steven M. Ruben
Examiner Name	R. A. Wax
Art Unit	1653
Attorney Docket No.	PZ007G62YP1D1

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None

Deposit Account:

Deposit Account Number 08-3425

Deposit Account Name Human Genome Sciences, Inc.

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments

Charge any additional fee(s) or any underpayment of fee(s)

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

#### Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	130.00
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)		1504			

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$ 130.00)**

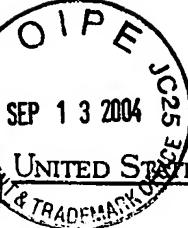
\*\*or number previously paid, if greater; For Reissues, see above

(Complete if applicable)

Name (Print/Type)	Kenley K. Hoover	Registration No. (Attorney/Agent)	40,302	Telephone	(301) 610-5771
Signature				Date	September 13, 2004

09/14/2004 RADDFO1 0000002 083425 10004860

01 FC:1460 130.00 DA



## UNITED STATES PATENT AND TRADEMARK OFFICE

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 INTELLECTUAL PROPERTY DEPT.  
 14200 SHADY GROVE ROAD  
 ROCKVILLE, MD 20850

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 CORRECTED FILING RECEIPT  
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## Assignment For Published Patent Application

Human Genome Sciences, Inc., Rockville, MD;

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This application is a DIV of 09/205,258 12/04/1998 PAT 6,525,174  
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 and claims benefit of 60/049,375 06/06/1997  
 and claims benefit of 60/048,881 06/06/1997  
 and claims benefit of 60/048,880 06/06/1997  
 and claims benefit of 60/048,896 06/06/1997  
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and claims benefit of 60/057,763 09/05/1997  
and claims benefit of 60/057,650 09/05/1997  
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